

XP-002298960

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(C) WPI/Derwent

AN - 1998-306099 [27]

AP - JP19960281481 19961002

CPY - MAZP

DC - E15

FS - CPI

IC - B01D3/36 ; C07C41/08 ; C07C41/42 ; C07C43/188

MC - E10-H01E E11-Q01

M3 - [01] G030 G563 H5 H561 H7 H713 H721 H8 M210 M212 M272 M281 M320 M415  
M510 M520 M530 M541 M720 M903 M904 N164 Q431; 9827-B8501-P

PA - (MAZP) MARUZEN PETROCHEM CO LTD

PN - JP10109952 A 19980428 DW199827 C07C43/188 006pp

PR - JP19960281481 19961002

XA - C1998-094739

XIC - B01D-003/36 ; C07C-041/08 ; C07C-041/42 ; C07C-043/188

AB - J10109952 Separating cyclohexyl vinyl ether comprises subjecting a mixture containing cyclohexyl vinyl ether and cyclohexanol to distillation by: (A) feeding the middle part of the first distillation tower with the mixture, distilling while adjusting the inner pressure of the first distillation tower to 5-100 mmHg, drawing out the azeotropic mixture of cyclohexyl vinyl ether and cyclohexanol from the upper part of the first distillation tower and, at the same time, recovering the distillate comprising cyclohexanol from the lower part of the first distillation tower and (B) feeding the middle part of the second distillation tower with the azeotropic mixture drawn out of the upper part of the first distillation tower, distilling while adjusting the inner pressure of the second distillation tower to 50-760 mmHg, taking out the azeotropic mixture of cyclohexyl vinyl ether and cyclohexanol from the second distillation tower, circulating the azeotropic mixture to the middle part of the first distillation tower, and, at the same time, recovering the distillate comprising cyclohexyl vinyl ether from the lower part of the second distillation tower.  
- ADVANTAGE - Cyclohexyl vinyl ether of high purity can be simply separated and recovered while preventing the formation of by-products.  
- (Dwg.0/1)

CN - 9827-B8501-P

IW - SEPARATE CYCLOHEXYL VINYL ETHER MIXTURE CYCLOHEXANOL FEED MIDDLE PART

FIRST DISTIL TOWER MIXTURE DISTIL ADJUST PRESSURE TOWER DRAW AZEOTROPE MIXTURE

IKW - SEPARATE CYCLOHEXYL VINYL ETHER MIXTURE CYCLOHEXANOL FEED MIDDLE PART

FIRST DISTIL TOWER MIXTURE DISTIL ADJUST PRESSURE TOWER DRAW AZEOTROPE MIXTURE

NC - 001

OPD - 1996-10-02

ORD - 1998-04-28

PAW - (MAZP) MARUZEN PETROCHEM CO LTD

TI - Separating cyclohexyl vinyl ether from mixture with cyclohexanol - by feeding middle part of first distillation tower with mixture, distilling while adjusting inside pressure of tower and drawing out azeotropic mixture